



**REPUBLIC OF THE UNION OF MYANMAR
MINISTRY OF COMMUNICATIONS AND INFORMATION TECHNOLOGY
UNION MINISTER'S OFFICE**

**Annex D:
Proposed Numbering Rules**

November 4, 2013



CONTENTS

PART I. Preliminary.....	3
1. Citation	3
2. Objectives	3
3. Scope	3
4. Application.....	3
5. Interpretation.....	3
PART II. Development of Numbering Plan	5
6. General Principles.....	5
7. Amendments to the Numbering Plan	6
8. Allocation and reservation of numbers.....	6
9. Licensee Obligations.....	7
10. Number Portability	7
11. Carrier Selection Codes	8
12. Fees for Use of Numbering Resources	8
PART III. Numbering Conventions	8
13. General Principles.....	8
14. Overall Numbering Details	8
15. Application Process for Number Allocations and Reservations	10
16. Management of the Numbering Plan.....	15
17. Numbering Plan Records and Database.....	16
18. Terms and Conditions of the Use of Numbers within the Allocated Ranges	18



PART I. PRELIMINARY

1. Citation

These Rules may be cited as the “Numbering Rules of the Republic of the Union of Myanmar, 2013.”

2. Objectives

- a) These Rules seek to ensure the availability of adequate numbers for all eligible Licensees, while ensuring that numbers shall be allocated on a fair, transparent, and non-discriminatory basis, which shall help to promote effective competition, innovation, and consumer choice. Specifically, these Rules seek to:
 - i. ensure an adequate supply of numbers at all times;
 - ii. make the plan as user friendly as possible;
 - iii. give competing service providers equal access to numbering resources;
 - iv. minimize disruption to existing users when changes are made (and in particular to avoid changing existing numbers as much as possible);
 - v. keep the costs of all changes to a minimum for both service providers and for users; and
 - vi. ensure that any changes to the numbering plan do not adversely impact the existing tariffing structure.
- b) These Rules are designed both to create additional capacity and to increase future flexibility to allow the unhindered development of Myanmar’s National Numbering Plan into the long term future.

3. Scope

These Rules govern the management and use of numbering resources in the Union of Myanmar, as defined in ITU-T Recommendation E.164, and include the process to allocate numbering resources to eligible Licensees. These Rules also contain the rights and obligations of persons using numbering resources.

4. Application

These Rules apply to all Licensees and other entities that apply for and are entitled to use numbers.

5. Interpretation

Headings and titles used in these Rules are for reference only and shall not affect its interpretation or construction.



Proposed Numbering Rules
Republic of the Union of Myanmar
November 4, 2013



The terms below shall have the following meanings for purposes of these Rules only. To the extent that a term is capitalized in these Rules and not defined below, the term is defined in the Telecommunications Law.

- a) "Annual Numbering Report" means a report prepared by the Department showing the organization and overall use of the Numbering Plan.
- b) "Annual Numbering Return" means an annual submission made by each holder of a numbering allocation to the Department showing the use of each allocation, the numbers that have been allocated to end users, and a forecast of demand within the allocation.
- c) "Area Code" means a numbering code assigned to a geographic area within the PSTN Numbering Plan.
- d) "Days" means calendar days.
- e) "Department" means the Posts and Telecommunications Department under the Ministry of Communications and Information Technology.
- f) "E.164" means the main ITU-T Recommendation on numbering entitled "The international public telecommunication numbering plan."
- g) "Geographic Number" means a number from the Numbering Plan used for fixed telephony service.
- h) "ITU-T" means the Telecommunication Standardization Sector of the International Telecommunication Union (ITU), which develops standards for telecommunications. The ITU is the specialized agency responsible for telecommunications within the United Nations.
- i) "Licensee" means a Licensee authorized under the Licensing Rules to apply for and obtain numbers according to the Numbering Plan and these Numbering Rules.
- j) "Ministry" means Ministry of Communications and Information Technology of the Union Government.
- k) "National Destination Code (NDC)" means a nationally optional field code, within the international public telecommunications numbering plan as set out in ITU-T Recommendation E.164 number plan, which when combined with the Subscriber Number shall constitute the National Significant Number.
- l) "National Significant Number" means the portion of the number that follows the country code for geographic areas, consisting of a NDC followed by a Subscriber Number.



Proposed Numbering Rules
Republic of the Union of Myanmar
November 4, 2013



- m) “Numbering Conventions” means the detailed rules concerning the overall management of the Numbering Plan, the rules for the allocation of numbers from the Plan, and the conditions of use of numbers.
- n) “Numbering Plan” or “Plan” means a description of the allocations and use of numbers in the Union of Myanmar for telephony, mobile, and other services.
- o) “Non-Geographic Number” means a number used to identify a type of service (such as mobile, freephone, premium rate services, etc.) rather than a geographical location.
- p) “Number Block” means a sequential series of numbers.
- q) “Numbering Space” means the generic term used for the set of numbers available behind a numbering code, for example, an access code or geographic Area Code.
- r) “PSTN” means the Public Switched Telephone Network, i.e., the network providing the telephony service.
- s) “Special Access Codes” means short (typically 3 or 4 digit) codes used to provide access to special services (e.g., operator services, directory inquiries, and emergency services).
- t) “Subscriber Number” means the number identifying a subscriber in a network or numbering area.
- u) “X” means a numbering digit that can take any usable value from 0 through 9 (for example, 1XXX).

PART II. DEVELOPMENT OF NUMBERING PLAN

In accordance with the Telecommunications Law 2013, Chapter VII, the Ministry is responsible for approving the Numbering Plan and the Department shall be responsible for preparing and managing the Numbering Plan (“Plan”).

6. General Principles

In preparing and managing the Numbering Plan, the Department shall take into account the following principles:

- a) The Plan shall account for expected growth in demand for telecommunications services, so that numbers can be allocated expeditiously.
- b) The structure of the numbers in the Plan shall be designed, as much as feasibly possible, to minimize inconvenience to users and be consistent with the efficient use of the Licensee’s telecommunications network.



Proposed Numbering Rules
Republic of the Union of Myanmar
November 4, 2013



- c) The costs to incumbent Licensees in accommodating the Plan shall, as far as is reasonable, be minimized.
- d) The Plan shall, where applicable, be fully compatible with all relevant international agreements, standards, and recommendations.
- e) The Plan shall, wherever possible, be formatted to ensure that numbers of different types give a broad indication of the service and the tariff.
- f) The Department shall ensure that, where changes are made to the designated numbering plan, costs or inconvenience to consumers and Licensees are objectively justified, and are kept to the minimum consistent with meeting the demands for numbers and for sound management of the Plan.
- g) Since numbers and codes are a finite, national resource, the Department shall manage the Plan in the interest of the whole country.

7. Amendments to the Numbering Plan

- a) The Department may from time to time review the Numbering Plan. This may be initiated upon its own initiative or upon a request in writing by a Licensee, user, or other interested party.
- b) The Department may from time to time amend or withdraw in full or in part the Plan already published, or publish additional sections to the Plan. Where appropriate, this shall take place after consulting with the relevant Licensees, end users, and other relevant stakeholders. In these circumstances, the normal consultation period shall be ninety (90) Days. However, in exceptional circumstances, a shorter consultation period of not less than thirty (30) Days may be necessary.
- c) Licensees shall not be required to comply with any such amendment or withdrawal unless they have been given a reasonable period of notice, such notice being not less than ninety (90) Days.

8. Allocation and reservation of numbers

- a) The Department shall allocate numbers and number ranges to Licensees and others as necessary in accordance with the Numbering Plan.
- b) The Department shall allocate or reserve numbers in a fair and equitable manner. The allocation or reservation shall normally be made to the first Licensee who requests the block or code (i.e., on a 'first come first served' basis).
- c) The Department shall only allocate or reserve numbering capacity to Licensees who meet the eligibility criteria set out in the standards.



Proposed Numbering Rules
Republic of the Union of Myanmar
November 4, 2013



- d) The Department shall take into account the need to anticipate growth and to innovative in the demand for telecommunications services and, when allocating numbers, shall consider the need to conserve numbering capacity in all ranges.
- e) When considering new requests for number allocations, the Department shall take into account the utilization of previous numbering allocations made to the Licensee.
- f) The application and other processes to be followed for number allocation are described in the Numbering Conventions.
- g) The Department shall prepare an Annual Numbering Report on the organization and overall use of the Plan.

9. Licensee Obligations

- a) All Licensees shall adopt and publish a numbering plan for such numbers or codes as are allocated to them. This shall be in accordance with the Numbering Plan.
- b) All Licensees shall use the numbers for the purpose stipulated at the time of the allocation and shall comply with the relevant terms and conditions of the allocation. Non-compliance by a Licensee shall be considered a violation of the license conditions.
- c) All Licensees shall be efficient in their use of numbers.
- d) In advertising and other publicity material, Licensees shall not brand numbers, nor associate a number range with a given Licensee.
- e) Neither Licensees nor users have any ownership rights over any numbers allocated by the Department.
- f) A Licensee shall only change a user's number if it has reasonable grounds for doing so and if it has given reasonable advance written notice to the user in question, stating the reason and anticipated date of change. In cases of emergency, oral notice with subsequent written confirmation shall be sufficient.
- g) All Licensees shall provide any information to the Department upon request regarding their use of numbers from the allocations received.
- h) Each Licensee shall submit an Annual Numbering Return that provides information to the Department about the allocation and use of numbers.

10. Number Portability

[Reserved]



Proposed Numbering Rules
Republic of the Union of Myanmar
November 4, 2013



11. Carrier Selection Codes

[Reserved]

12. Fees for Use of Numbering Resources

Where required, the Department shall invoice and collect numbering fees for the allocation of numbers made to the Licensee.

PART III. NUMBERING CONVENTIONS

The Numbering Conventions (“Conventions”) provide a long-term framework within which the telephone numbering scheme can be developed for the benefit of all Licensees and users. The Conventions contain the detailed rules concerning the overall control of the numbering plan, the details of the arrangements for the allocation of numbers from the plan, and the conditions of use of numbers.

13. General Principles

These Conventions seek to:

- a) ensure transparent and non-discriminatory access to national numbering resources for all Licensees and users;
- b) support the principle of there being many public telecommunications network providers and service providers working on equal and competitively neutral terms in the overall market;
- c) take account of the Myanmar telecommunications situation and environment, ensure flexibility, and cater for individual and new requirements;
- d) allow solutions to be resolved by market mechanisms wherever possible and reasonable;
- e) be forward-looking; and
- f) ensure that any changes to subscribers’ numbers are minimized.

14. Overall Numbering Details

- a) **Numbering Standards.** The plans adopted by Licensees shall conform to the relevant international standards, in particular, but not exhaustively, the following ITU-T Recommendations (or their functional successors):

‘E.123’ – Standard notation for national and international telephone numbers

‘E.161’ – Arrangements of figures, letters and symbols on telephones and other devices that can be used for gaining access to a telephone network.

‘E.164’ – The international public telecommunications numbering plan.



Proposed Numbering Rules
Republic of the Union of Myanmar
November 4, 2013



'E.166' – The numbering plan for inter-working the E.164 and X.121 number plans.

'X.121' – International numbering plan for public data networks.

In addition, ITU-T Recommendations E.169.2, E.169.3, E.175, E.191, and E.195 describe the role of the ITU-T in introducing universal services. The allocation of numbers for such services (e.g., International Freephone 00800) is the responsibility of the ITU-T.

- b) **Maximum number of digits.** All numbers shall comply with ITU-T Recommendation E.164. Inter alia, this states that the maximum number of digits that a national system is expected to handle on an outgoing international call is 15 (excluding the international dialing prefix).
- c) **'0' Prefix.**
 - i. The prefix '0' shall be used for all calls within the country other than for locally dialed calls and short access codes. For calls within the country, the digits of a National Significant Number shall follow this prefix.
 - ii. In the medium to long term, Licensees are expected to engineer their systems to accept the full national dialing format for calls that could otherwise have been made using local dialing.
- d) **'00' Prefix.** The international prefix '00' is used for international dialing from the country. The digits of the country code and the National Significant Number shall follow this prefix.
- e) **Measures for conservation of numbering capacity.** Geographic Numbers shall normally be allocated to applicants in blocks of 10,000 consecutive numbers from within the appropriate geographic code range. However, in those areas where there is a potential numbering shortage, or in other circumstances determined by the Department, numbers may be allocated in sub blocks of less than 10,000 numbers.
- f) **PSTN Services.** All PSTN numbers shall begin with leading digits 1 through 8.
- g) **Mobile Services.** All mobile numbers shall begin with leading digit 9.
- h) **Special Access Codes ("1XY" / "1XYZ" numbers).**
 - i. The Department shall categorize access codes by the type of service for which they are used. There are three types of access codes:
 - 1) Type A access codes – Common public services. Type A access codes are used by callers to reach commonly used services, such as 19X for emergency services. These codes shall be used by all Licensees. Type A codes shall be designated individually by the Department for such services, and shall not be uniquely allocated to any particular Licensee.



Proposed Numbering Rules
Republic of the Union of Myanmar
November 4, 2013



- 2) Type B access codes – Common service codes. Type B access codes are used by callers to reach commonly used services, such as fault reporting or time reporting. Licensees are not required to provide these services, but if they do so then they must use the codes designated by the Department.
 - 3) Type C access codes – Other service codes. Type C access codes are network-specific and can be used for any authorized service. These codes are allocated by the Department and are unique to a particular Licensee. Nevertheless, in order to avoid customer confusion, Licensees are encouraged to use similar codes wherever possible.
- ii. Given the need to ensure reasonable numbering capacity, allocation of access codes shall generally be on the basis of either four-digit (1XXX) or five-digit (1XXXX) codes.

15. Application Process for Number Allocations and Reservations

- a) **Criteria for eligibility of applicants.** All Licensees providing publicly available telecommunications services and / or running a licensed telecommunication network are eligible to apply for allocations and reservations of numbering capacity. Other persons (e.g., users) who require the use of numbers shall seek an allocation from an eligible Licensee.
- b) **Information to be supplied by an applicant for a numbering allocation and / or reservation.**
 - i. When applying for an allocation or reservation of numbering capacity, the applicant shall provide the following information to the Department:
 - 1) Name and contact details of the applicant. Where a person submits an application form on behalf of the applicant, a signed and dated letter of authorization shall accompany it from that applicant.
 - 2) Details of the relevant telecommunications license under which the applicant intends to operate the numbering capacity sought and of the system being operated.
 - 3) Details of any existing ranges held that are relevant to that application.
 - 4) A preferred numbering code and / or block and, where appropriate, second and third preferences should be indicated.
 - 5) Details of the type of telecommunications service intended on the range and, where appropriate, the proposed tariff rate of the service.
 - 6) The current utilization of any similar allocations already made to the Licensee and a forecast of expected utilization over a specified period.
 - 7) Any other information that the applicant considers necessary or appropriate to justify the application.



Proposed Numbering Rules
Republic of the Union of Myanmar
November 4, 2013



- ii. In addition, applicants shall provide to the Department any other information judged by the Department to be relevant to the application, and the supply of which does not place an undue burden on the applicant. This may include a brief description of the applicant's technical and operational system configuration.
- c) **Timing of applications.** Applications for numbering allocations shall be made three months prior to the planned in-service date. In certain circumstances, allocations may be applied for within a shorter timeframe (e.g., emergencies, special events, etc.) and the Department shall have discretion whether to accept such application.
- d) **Reserving numbers or codes.**
 - i. In addition to allocating numbering capacity, the Department may, at its discretion, agree to reserve numbering capacity to other existing or potential Licensees. Reservations are appropriate where:
 - 1) for commercial confidentiality, an applicant does not want to be identified;
 - 2) the reason for the application should not be divulged prior to an application for the allocation; or
 - 3) a customer order has not been finalized.
 - ii. A reservation may be made:
 - 1) in anticipation of an application being made for numbering capacity in accordance with a three-year rolling forecast provided by Licensees entitled to apply for an allocation; or
 - 2) against a specific request submitted by a Licensee eligible to receive allocations (e.g., for the expansion or growth of existing services or for the introduction of new services).
 - iii. An application for a reservation shall be made to the Department in accordance with these standards. Applications for reservations shall be treated in confidence, unless the applicant requests otherwise.
 - iv. Wherever possible, the Department shall endeavor to convert a reservation into an allocation within thirty (30) Days. However, it should be noted that a reservation does not automatically entitle an applicant to activate the capacity. Nor, where numbering capacity is reserved, is there any guarantee that a corresponding allocation shall subsequently be made.



Proposed Numbering Rules
Republic of the Union of Myanmar
November 4, 2013



- v. Reservations shall be time-limited and the limit for reservations shall normally be three months. Reservations may be renewable on request to the Department.
- vi. Once a reservation has been made, that numbering capacity shall be unavailable for allocation, except for the purpose and to the organization for which the reservation was made. However, a reservation shall automatically be cancelled if:
 - 1) the time limit has expired;
 - 2) the applicant withdraws the reservation; or
 - 3) the Department and the applicant agree on a substitute reservation or allocation.
- e) **Handling competing requests for reservation.** Where available number ranges are limited, and several Licensees have requested the same Number Block, the Department may reserve the block for more than one Licensee, but shall allocate it to the first Licensee who provides the Department with firm evidence of a customer order.
- f) **Considering applications.**
 - i. When making number allocations or reservations within the Numbering Plan, the Department shall take into account:
 - 1) the guiding principles within the Numbering Plan;
 - 2) any relevant license conditions;
 - 3) whether the Department considers that the proposed use of the numbering range is appropriate;
 - 4) the views of the applicant and other interested parties (through consultation, where appropriate); and
 - 5) any other matters that the Department deems relevant (e.g., any requirement to open a new range or make changes to the Numbering Plan in order to allocate the required numbers or codes).
 - ii. If any questions in connection with the application need further clarification, the Department shall contact the applicant directly.
 - iii. On the basis of the application, the Department shall decide the extent to which the application may be met, and the specific numbers, number series, and addresses that may be assigned. It should be noted that in choosing the specific numbers and number series in the numbering plan, the Department shall have regard to existing allocations in the Numbering Plan.



Proposed Numbering Rules
Republic of the Union of Myanmar
November 4, 2013



- iv. If several applications for the same numbering resource are received, then the application first registered as received by the Department shall be dealt with first. This means that the administration shall generally be based on a “first come, first served” principle.
- g) Assignment process.**
- i. As soon as the application has been fully considered and the number lists have been updated, the applicant shall be notified in writing of the assignment. As far as possible, applications shall be answered within forty-five (45) Days after receipt.
 - ii. Where appropriate, the Department shall notify the ITU of the assignment of numbers, number series, and addresses for the purpose of insertion and announcement in the ITU’s Operational Bulletin.
 - iii. Other Licensees and users shall not automatically receive notification of assignments from the Department. It is therefore the responsibility of the Licensee who has been assigned numbering resources to contact other providers and users as necessary for the purpose of informing these of the assignment.
 - iv. The assignment shall appear in an updated version of the Numbering Plan as published from time to time by the Department.
- h) New number ranges or changes to the Numbering Plan.**
- i. Before opening any new ranges, or significant parts of ranges, the Department shall issue a notification. The Department shall give at least forty-five (45) Days’ notice of the opening of any new ranges or significant parts of ranges. The Department shall also specify a date for the initial receipt of applications for those ranges and, prior to that date, no applications shall be accepted.
 - ii. Where appropriate, the Department shall notify the ITU Telecommunication Standardization Sector (‘ITU-T’) of changes to the Numbering Plan and ensure that the correct notification is given in the ITU-T Operational Bulletin.
 - iii. Where the Department considers it appropriate, it shall also notify other overseas administrations as necessary.
- i) Refusal of applications for numbering capacity.**
- i. The Department may refuse an application for an allocation or reservation of numbering capacity.
 - ii. The Department may refuse an application:



Proposed Numbering Rules
Republic of the Union of Myanmar
November 4, 2013



- 1) if the necessary information is not provided;
 - 2) if the application does not conform with the Numbering Plan;
 - 3) to safeguard that sufficient overall short code resources are available within the range of numbers allocated; or
 - 4) for any other reason that Department considers appropriate.
- iii. Alternatively, the Department may not grant the application in full, or may attach specific conditions to the allocation that are consistent with the standards and relate to the use and management of the numbering capacity allocated. Such specific conditions shall be set out in the letter that accompanies the allocation.
- iv. In the event of a refusal, whether in part or in full, or where specific conditions are attached, the Department shall inform the applicant, in writing, of its reasons.
- v. The Department may, following consultation with the applicant, make an alternative allocation that has the potential to satisfy the applicant's requirements without conflicting with the criteria that caused the original application to be refused.
- j) **Changes to allocations.**
- i. Those who have been allocated numbering capacity are required to apply to the Department to make any changes:
 - 1) to the ownership of the block or code;
 - 2) to the purpose or use of the numbering allocation; or
 - 3) which relate to conditions of use placed on the allocation.
- k) **Withdrawal and return of numbers or codes.**
- i. The Department can withdraw capacity that it has allocated, or part of such capacity, if its continued use or allocation is not in compliance with:
 - 1) the relevant standards;
 - 2) the Numbering Plan; or
 - 3) any specific conditions of the allocation.
 - ii. Withdrawal of an in-service numbering range, which has been allocated by the Department, can be made only after the Department has consulted with interested



Proposed Numbering Rules
Republic of the Union of Myanmar
November 4, 2013



parties for a period of not less than forty-five (45) Days. It shall be subject to a period of notice of not less than ninety (90) Days following that consultation.

- iii. If an allocation or part of an allocation is not brought into service within six months, it may be withdrawn, after consultation with such interested parties. Such withdrawal shall be subject to a period of notice of not less than ninety (90) Days following that consultation.

l) Return of allocations.

- i. If a Licensee no longer requires the use of an allocation that has been made, then the allocation should be returned to the Department at the earliest opportunity.
- ii. Only complete blocks can be returned. The Department shall not normally accept partial return of any blocks.

m) Liability on withdrawal and re-allocation.

- i. In the event that an allocation has to be withdrawn at the request of the Department and an alternative re-allocation made (for example in order to invoke a change to the Numbering Plan), then the Department shall, as far as possible, endeavor to make a re-allocation of a similar "standard" number. This shall also apply to withdrawal and re-allocation of golden numbers.
- ii. However, notwithstanding the above, the Department shall accept no liability (financial or otherwise) in the event of withdrawal and re-allocation.

16. Management of the Numbering Plan

- a) **Overall responsibility.** The Department shall be responsible for the overall management of the Numbering Plan, and shall undertake any tasks, or require the Licensees to undertake any tasks that it considers necessary, in order to allow it to manage the Numbering Plan.

b) The numbering audit process.

- i. Each holder of an allocation shall submit to the Department an Annual Numbering Return. The Annual Numbering Return shall refer to information at the calendar year end and shall be submitted to the Department as requested, but usually within forty-five (45) Days of the end of that year.
- ii. The following information shall be provided in the Annual Numbering Return for each allocation:
 - 1) the current use of the allocation;
 - 2) numbers in service allocated to end users;



Proposed Numbering Rules
Republic of the Union of Myanmar
November 4, 2013



- 3) details of numbers set aside for planned growth, customer orders, or other usage, with explanations; and
 - 4) blocks of numbers allocated to any person for purposes other than to end users.
- iii. Each Annual Numbering Return shall also provide:
- 1) a three-year forecast of demand within significant ranges, as specified by the Department;
 - 2) the justification for continuing reservation by the Licensee of numbering capacity; and
 - 3) any other information requested by the Department.
- iv. This information shall be supplied in a format specified by the Department. The Department shall not require information where the collection or analysis of the information would place an undue burden on the organization submitting the Annual Numbering Return.
- c) **Annual Numbering Report.** The Department shall prepare and publish an Annual Numbering Report on the organization and use of the Numbering Plan. This shall contain an administrative description of the function and operation of the unit, details of the existing number allocations and a forecast for planned future demand, any significant developments in the numbering plan, details of any planned amendments to the Numbering Conventions, and any other matter of relevance.
- d) **Requirement to notify others.**
- i. When activating a number allocation, it is the responsibility of the holder of the allocation to negotiate with, and to notify, relevant Licensees and, where appropriate, overseas authorities.
 - ii. Those who have been allocated numbering capacity are required to advise the Department, on an ongoing basis, of the contact in their organizations to whom notifications of the dates for activation of the allocated codes and Number Blocks should be sent.
 - iii. The Department shall maintain a list of such contacts and shall make it available on request to all organizations listed on it, and others who, in the Department's opinion, have need of that information.

17. Numbering Plan Records and Database

- a) **Records database.** The Department shall maintain comprehensive records and a database of the status of all number ranges, codes, and blocks of numbers within the Numbering Plan. The



Proposed Numbering Rules
Republic of the Union of Myanmar
November 4, 2013



full Numbering Plan is set out in a document maintained by the Department. This shall be made available to all relevant parties as required.

- b) **Reserved numbering.** Where available and not commercially sensitive, details of the Licensee's plans for reserved numbering shall be included in the Numbering Plan. However, those requiring further details of reservations are advised to contact the person for whom the code or block of numbers has been reserved.
- c) **Publication of changes.** In addition to updating the Numbering Plan, the Department shall additionally publish (at appropriate intervals of time) details of allocations, reservations, or withdrawals, setting out the number range(s) being allocated, reserved, or withdrawn, the person to whom the allocation has been made or from whom it has been withdrawn, and the action date.
- d) **Status indicators.**
 - i. All numbers or codes in the Numbering Plan shall fall into one of two categories: either designated or not designated.
 - 1) Designated numbers or codes are those set aside within the Numbering Plan for particular usage: e.g., PSTN geographic and mobile.
 - 2) Designation is not an indication as to the availability or otherwise of a number or code.
 - ii. Those parts of the Numbering Plan that are not designated are not available for allocation or reservation.
 - iii. Codes or numbers that have been designated shall have one of the following status indicators:
 - 1) 'Allocated' – indicates codes or numbers that have been allocated to a person whose name shall be listed alongside. While the majority of codes and Number Blocks shown as 'Allocated' may also be in service, these records shall not contain information about in-service dates. In addition, allocations shall not appear with full details in the Numbering Plan while an applicant maintains a requirement to protect commercially sensitive information prior to the opening of service.
 - 2) 'Allocated for Migration Only' – indicates that the code or block has been allocated to a listed person for the express purpose of managing a migration from one range to another. This may be a temporary allocation and, after a suitable, specified time, and the meeting of allocation criteria, the Department may determine that the block could be used for new business and its status changed accordingly.



Proposed Numbering Rules
Republic of the Union of Myanmar
November 4, 2013



- 3) 'Free' – indicates that this code or block is available for allocation or reservation. Applicants should note that a Number Block shown as 'Free' could have already been requested by another Licensee between the time of the last update of the list and the time of applying for the Number Block.
- 4) 'Free for "specific purpose" (to be defined)' – indicates numbering ranges which are free only for specific purposes
- 5) 'Protected' – indicates where a Number Block is protected until further notice or, where a date is shown, until that date. Numbers are protected, e.g., for future planning purposes or to avoid temporary or permanent dialing problems.
- 6) 'Reserved' – indicates a provisional allocation, subject to confirmation by the applicant and/or the Department. The applicant's name shall not normally appear alongside the reservation to ensure commercial confidentiality.

18. Terms and Conditions of the Use of Numbers within the Allocated Ranges

- a) **General Conditions.** The following general conditions, relating to the use of numbering capacity, apply to all allocations made by the Department:
 - i. The allocation shall be used for the purpose specified in the application (including any classification by type or tariff as set out in the Numbering Plan).
 - ii. The Licensee originally allocated numbers shall be responsible for them.
 - iii. Numbers and blocks of numbers shall not be traded or exchanged between Licensees.
 - iv. A number allocation is made to an Licensee "in perpetuity." However, neither Licensees nor users have any ownership rights over any numbers allocated by the Department.
 - v. Numbers shall, at all times, be used only for the purposes granted to the Licensee to whom the allocation was made.
 - vi. The holder of the allocation shall maintain a record of the numbers in use.
 - vii. Holders of numbering capacity shall not, unless the Department consents otherwise, charge any person for a number allocated to him (other than a coveted number allocated to a user at the request of such a person).
 - viii. Number transfer between users is permitted, to the extent that the number can be technically activated for the new subscriber. However, in order to prevent number hoarding, the user must bring their number into service within one hundred eighty (180) Days; "in service" being defined as "if an access in the public telephone network can be reached by dialing the number" (i.e., "use it or lose it").



Proposed Numbering Rules
Republic of the Union of Myanmar
November 4, 2013



- ix. A Licensee shall not use numbers from the Numbering Plan other than those allocated by the Department.
 - x. All Licensees shall simultaneously implement any numbering changes which are required.
- b) **Conditions applicable to the geographic numbering plan.** In addition to the above general conditions, the following conditions shall also apply to allocations made from within the geographic ranges of the numbering plan:
- i. Area Codes shall have national significance, rather than be associated with a particular Licensee.
 - ii. Where necessary, the Department shall define the geographic area that is relevant for each Area Code. Initially these areas shall correspond to existing zone designations in the current numbering plan.
 - iii. The Department shall allocate blocks of numbers to Licensees in each geographic area as required, from the Numbering Space behind the relevant zone code. Each block shall typically be 10,000 sequential numbers, but in some circumstances could be either larger or smaller blocks.
 - iv. All Licensees shall be required to route calls which are dialed using the full nationally significant number, even if they are local calls.
- c) **Conditions applicable to Non-geographic Numbers.** In addition to the general conditions, the following conditions shall also apply to allocations made from within the non-geographic ranges of the numbering plan:
- i. codes for non-geographic services should have national significance; and
 - ii. the Department shall allocate blocks of numbers to Licensees as required.
- d) **Other specific conditions on allocations.** Where necessary and appropriate, the Department may impose additional specific conditions on any particular allocation. Where the Department chooses to apply such conditions, then the Department shall provide the Licensees with the reasoning behind this decision.